Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO
RICHARD F. CELESTE, *Governor*
DR. ROBERTA STEINBACHER, *Administrator*

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EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
NOVEMBER 1984

Summary: November's seasonally adjusted unemployment rate for Ohio, at 8.7 percent, was significantly lower than the October rate of 9.5 percent. The unadjusted rate fell slightly, from 9.1 percent in October, to 8.9 percent in November, as actual unemployment declined from 473,000, to 455,000. Total employment, at 4,651,000 in November, was 61,000 below the October level. Nonagricultural wage and salary employment rose slightly from October to 4,245,000. Gains in retail trade and local and state government education were offset by seasonal declines in construction and services.

Factory Employment: Seasonal declines in the canning industry helped to lower Ohio's manufacturing employment to 1,119,000 in November, fractionally below October. Layoffs due to lack of orders occurred in electric and electronic equipment, primary metals, and stone, clay, and glass products. Employment in transportation equipment, nonelectrical machinery, and fabricated metals products advanced in November.

Nonmanufacturing: Ohio's nonmanufacturing employment totaled 3,125,000 in November, up slightly from October. Seasonal factors raised employment in department and food stores but caused a decline in construction and in services, as amusement parks closed for the winter. Employment in public schools and colleges continued to rise.

Factory Hours and Earnings: Factory production workers in Ohio earned a record $473.29 per week in November, up $11 from October. Their average workweek - - 42.6 hours - - was .6 hours longer. Most of the increase occurred in durable goods as higher overtime raised hours and earnings in aircraft and parts, motor vehicles, iron and steel foundries, metal forgings and stampings, and fabricated structural metals.

Over the Year: Ohio's seasonally unadjusted unemployment rate fell from 11.0 percent in November 1983 to 8.9 percent in November 1984. There were 109,000 fewer unemployed Ohioans in November 1984. Nonagricultural wage and salary employment increased 1.6 percent during the period, while total employment rose 1.5 percent. Most of the increase was in nonmanufacturing, with services, retail trade, and government gaining the most. Manufacturing employment rose 14,900 over the year, despite losses in primary metals, chemicals, and leather products. Nonelectrical machinery, transportation equipment, and rubber and plastics products accounted for most of the increase. Average weekly earnings of factory production workers rose $15.56 over the year. The workweek gained fractionally with average hourly earnings up 34¢.

For additional information, write DIXIE SOMMERS, *Director*
Labor Market Information Division, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron:--Wage and salary employment in Akron's nonagricultural industries rose 700 from October, to 255,100 in November. The pre-holiday increase in retail stores boosted employment in nonmanufacturing. The workweek and gross earnings for manufacturing production workers, at 44.1 hours and $10.93 per hour in November, were 1.3 hours and 4¢ above October averages.

Canton:--Nonfarm wage and salary employment in Canton, at 149,200 in November, was up slightly from October. Seasonal hiring among retail establishments was moderated by shrinkage in primary metals and construction industries. Average earnings of manufacturing production workers, at $10.80 per hour in November, were 2¢ below October. The average workweek of 40.7 hours was .3 hours longer.

Cincinnati:-- Employment in Cincinnati nonfarm industries totaled 596,200 in November, up 2,700 from October. Nonmanufacturing accounted for most of the gain, due to seasonal growth in retail trade and school and college employment. Scattered increases lifted manufacturing 700, to 146,600 for the month. Factory production workers averaged 42.8 hours per week in November,up 1.0 hours from October. Their hourly earnings, at $10.81, were up 17¢ per hour .

Cleveland:--Nonagricultural payroll employment in Cleveland, at 837,000 in November, was 700 above October. Nonmanufacturing employment increased as retailers began gearing up for the holiday season. Hourly earnings and weekly hours of factory production workers--$11.08 and 42.5 hours--were 18¢ and .5 hours above October averages.

Columbus:--Employment in Columbus nonfarm industries rose 2,000 from October, to 528,800 in November. Seasonal expansion in retail trade boosted nonmanufacturing. Factory employment increased 400, to 89,600 in November. The average workweek of production workers expanded by 1.4 hours, to 42.1 hours. Hourly earnings increased 30¢, to $10.59 in November.

Dayton:--Employment in the Dayton area's nonfarm industries advanced 800 from October, to 353,300 in November. The increase occurred in nonmanufacturing, particularly in retail trade. Manufacturing employment remained on par with October. Production workers grossed $11.15 per hour--up 11¢ from October--for a workweek of 43.1 hours, up 1.0 hours for the month.

Toledo:--November wage and salary employment in Toledo nonagricultural industries, at 298,500, was 300 below October. Most of the decrease was in manufacturing industries, particularly among durable-goods producers. Nonmanufacturing gained slightly as seasonal increases in retail trade were tempered by seasonal shrinkage in services and construction. Production workers in factories grossed $11.85 per hour for a workweek of 44.2 hours, little changed from October levels.

Youngstown-Warren:--Payroll employment in Youngstown-Warren nonagricultural industries, at 182,700 in November, was 300 above October. The increase occurred in nonmanufacturing due largely to gains in retail trade. Manufacturing employment was unchanged at 54,200. Production workers in factories averaged $12.79 per hour, down 7¢ from October. Their average workweek slipped .5 hours to 42.2 hours in November.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 12-20-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983								
November.	251.4	146.7	585.5	835.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	583.8	837.9	515.7	344.3	291.1	182.0
1984								
January .	243.2	143.3	573.1	819.0	503.8	339.3	284.3	178.4
February.	245.4	143.8	572.2	817.5	505.9	339.8	286.4	178.4
March ...	246.4	145.0	576.7	821.2	509.1	341.2	288.2	179.0
April ...	249.7	146.8	584.2	825.8	514.0	343.8	291.5	181.0
May	253.2	147.8	590.0	831.1	516.7	344.5	294.3	183.1
June	249.9	148.6	595.5	838.6	523.5	346.4	291.3	182.7
July	250.6	147.9	588.4	834.0	512.2	342.9	287.4	181.7
August ..	250.2	148.0	588.2	831.4	513.8	343.6	287.7	180.5
September	254.8	148.7	591.0	833.4	519.0	350.4	296.9	182.9
October .	254.4	149.2	593.5	836.2	526.8	352.5	298.8	182.4
November.	255.1	149.2	596.2	837.0	528.8	353.3	298.5	182.7
	MANUFACTURING EMPLOYMENT (in thousands)							
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	223.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
February.	66.5	44.9	143.3	211.2	87.0	90.9	75.5	55.6
March ...	66.7	45.5	144.1	211.6	87.0	91.1	75.7	55.4
April ...	67.0	45.4	144.6	210.6	87.4	91.4	75.8	55.8
May	67.5	45.3	145.0	210.9	87.2	91.2	75.7	55.8
June	67.9	45.3	145.9	211.6	88.4	91.4	75.5	55.6
July	67.8	45.4	145.6	209.4	88.3	91.3	75.0	55.6
August ..	67.4	45.7	146.0	208.9	88.7	91.6	75.7	54.5
September	67.7	45.5	143.5	210.5	89.5	92.6	77.2	54.8
October .	67.2	45.6	145.9	210.4	89.2	92.4	76.4	54.2
November.	67.5	45.6	146.6	210.5	89.6	92.4	75.4	54.2

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	54.2	54.9	47.2	39.3
1983								
November.	37.0	31.9	96.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
February.	37.1	31.8	95.5	136.3	57.4	59.3	54.2	42.2
March ...	37.1	32.4	96.3	136.7	57.3	59.3	54.4	42.1
April ...	37.4	32.4	96.5	135.6	57.7	59.7	54.6	42.4
May	37.7	32.3	96.5	135.7	57.5	59.4	54.5	42.4
June	37.8	32.3	97.3	136.3	58.6	59.5	54.3	42.2
July	37.6	32.3	96.6	134.2	58.3	59.0	53.7	42.2
August ..	37.3	32.7	97.5	133.6	58.8	59.2	54.2	41.2
September	37.8	32.5	95.0	135.6	59.5	60.4	55.8	41.6
October .	37.4	32.6	96.9	135.7	59.0	60.5	54.9	41.2
November.	37.6	32.6	97.7	135.9	59.3	60.5	54.0	41.2
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	43.9	40.4	41.7	41.9	41.2	43.2	43.1	44.7
February.	43.9	41.0	41.5	42.2	40.4	42.8	43.5	43.8
March ...	43.7	40.8	41.8	42.3	40.4	42.8	43.8	44.9
April ...	43.8	40.5	42.1	42.3	40.5	43.0	43.7	43.5
May	43.4	40.6	41.6	42.0	40.5	42.3	43.7	43.3
June	43.8	40.3	41.6	42.0	40.7	42.3	43.3	42.9
July	43.3	40.6	41.1	41.1	40.6	42.9	43.0	44.2
August ..	43.3	40.1	41.7	41.5	40.9	42.5	43.3	42.3
September	43.2	41.0	42.2	42.0	40.8	43.1	43.9	43.6
October .	42.8	40.4	41.8	42.0	40.7	42.1	44.1	42.7
November.	44.1	40.7	42.8	42.5	42.1	43.1	44.2	42.2

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Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.38
1984								
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1985								
January .	10.77	10.85	10.39	10.70	10.33	11.07	11.42	12.89
February.	10.75	10.91	10.37	10.76	10.23	11.04	11.48	12.66
March ...	10.79	10.89	10.45	10.81	10.20	11.12	11.58	13.09
April ...	10.76	10.90	10.58	10.82	10.22	11.12	11.58	12.88
May	10.82	11.04	10.50	10.83	10.30	11.03	11.57	12.86
June	10.87	10.99	10.51	10.82	10.26	11.09	11.66	12.85
July	10.73	10.88	10.48	10.68	10.21	11.23	11.59	13.09
August ..	10.82	10.80	10.57	10.81	10.29	11.18	11.66	12.67
September	10.82	10.77	10.54	10.91	10.36	11.26	11.73	12.89
October .	10.89	10.82	10.64	10.90	10.29	11.04	11.84	12.86
November.	10.93	10.80	10.81	11.08	10.59	11.15	11.85	12.79
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.36	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	472.80	438.34	433.26	448.33	425.60	478.22	492.20	576.18
February.	471.93	447.31	430.36	454.07	413.29	472.51	499.38	554.51
March ...	471.52	444.31	436.81	457.26	412.08	475.94	507.20	587.74
April ...	471.29	441.45	445.42	457.69	413.91	478.16	506.05	560.28
May	469.59	448.22	436.80	454.86	417.15	466.57	505.61	556.86
June	476.11	442.90	437.22	454.44	417.58	469.11	504.88	551.27
July	464.61	441.73	430.73	438.95	414.53	481.77	498.37	578.58
August ..	468.51	433.08	440.77	448.62	420.86	475.15	504.88	535.94
September	467.42	441.57	444.79	458.22	422.69	485.31	514.95	562.00
October .	466.09	437.13	444.75	457.80	418.80	464.78	522.14	549.12
November.	482.01	439.56	462.67	470.90	445.84	480.57	523.77	539.74

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Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
	AKRON[b]					CANTON[c]			
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.5	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	303.9	268.0	35.9	11.8	1982	191.4	164.3	27.0	14.1
1983	304.4	267.0	37.4	12.3	1983	188.4	160.7	27.6	14.7
1983					1983				
October	308.4	274.5	33.8	11.0	October	189.2	164.6	24.6	13.0
November	309.7	274.2	35.5	11.5	November	189.5	164.4	25.1	13.2
December	304.9	270.4	34.6	11.3	December	186.0	162.4	23.6	12.7
1984					1984				
January	297.5	264.3	33.2	11.2	January	182.3	159.8	22.5	12.3
February	298.6	263.8	34.8	11.6	February	180.7	158.9	21.9	12.1
March	297.9	262.4	35.5	11.9	March	181.7	158.7	23.0	12.6
April	300.3	268.4	31.9	10.6	April	182.6	162.1	20.5	11.2
May	305.5	274.5	31.1	10.2	May	185.6	164.8	20.9	11.2
June	306.9	277.9	29.0	9.5	June	188.1	169.2	18.9	10.1
July	315.7	288.9	26.9	8.5	July	191.7	174.4	17.2	9.0
August	311.4	281.5	29.9	9.6	August	189.0	170.3	18.6	9.9
September	308.2	281.0	27.2	8.8	September	185.7	168.4	17.3	9.3
October[p]	308.0	280.0	28.1	9.1	October[p]	187.2	168.3	18.9	10.1
	CINCINNATI[d]					CLEVELAND[e]			
1973	572.0	543.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	678.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.4	833.2	100.2	10.7
1983	686.5	615.4	71.1	10.4	1983	930.7	824.7	105.9	11.4
1983					1983				
October	691.5	630.0	61.5	8.9	October	936.6	840.1	96.6	10.3
November	693.2	629.0	64.2	9.3	November	935.3	836.6	98.7	10.6
December	684.3	622.5	61.9	9.0	December	917.5	828.3	89.3	9.7
1984					1984				
January	679.0	616.0	62.9	9.3	January	899.5	815.9	83.7	9.3
February	670.2	611.3	58.9	8.8	February	887.4	806.6	80.8	9.1
March	672.1	612.2	59.9	8.9	March	890.2	802.3	87.9	9.9
April	683.0	624.9	58.1	8.5	April	896.6	813.7	83.0	9.3
May	695.0	635.0	60.0	8.6	May	913.9	825.6	88.3	9.7
June	709.9	651.7	58.2	8.2	June	932.7	850.5	82.2	8.8
July	718.1	661.6	56.4	7.9	July	955.0	876.6	78.4	8.2
August	708.2	649.4	58.8	8.3	August	937.6	853.3	84.3	9.0
September	701.2	643.3	57.9	8.3	September	920.1	841.5	78.7	8.5
October[p]	700.3	644.1	56.3	8.0	October[p]	924.8	842.9	81.9	8.9

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b]Defined as Portage and Summit Counties. [c]Defined as Carroll and Stark Counties. [d]Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e]Defined as Cuyahoga, Geauga, Lake, and Medina Counties.
[p]Preliminary.

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
COLUMBUS[f]				
1973	485.5	468.3	17.1	3.5
1974	495.4	475.5	19.9	4.0
1975	495.0	458.6	36.5	7.4
1976	503.6	468.5	35.1	7.0
1977	513.4	483.3	30.1	5.9
1978	531.4	506.5	24.9	4.7
1979	543.0	517.1	25.8	4.8
1980	554.7	523.4	31.4	5.7
1981	562.4	519.1	43.3	7.7
1982	567.4	516.4	51.0	9.0
1983	579.1	527.4	51.7	8.9
1983				
October	594.3	545.1	49.2	8.3
November	594.7	544.2	50.2	8.5
December	585.3	537.9	47.4	8.1
1984				
January	575.1	529.6	45.4	7.9
February	570.0	526.7	43.2	7.6
March	571.3	525.2	46.0	8.1
April	580.3	535.2	45.1	7.8
May	590.4	543.9	46.5	7.9
June	605.6	561.9	43.7	7.2
July	612.4	570.5	41.9	6.8
August	601.6	558.5	43.1	7.2
September	595.2	554.5	40.7	6.8
October[p]	602.9	561.1	41.8	6.9
DAYTON[g]				
1973	358.0	343.5	14.5	4.1
1974	359.5	342.5	17.0	4.7
1975	357.6	327.7	29.9	8.4
1976	360.5	336.3	24.2	6.7
1977	368.6	348.3	20.3	5.5
1978	381.1	363.7	17.3	4.6
1979	392.2	367.9	24.2	6.2
1980	390.2	361.0	29.2	7.5
1981	390.8	357.9	32.8	8.4
1982	391.8	347.1	44.7	11.4
1983	390.6	350.7	39.9	10.2
1983				
October	395.4	360.8	34.7	8.8
November	396.8	360.3	36.5	9.2
December	388.0	355.5	32.5	8.4
1984				
January	385.5	353.0	32.5	8.4
February	383.7	350.3	33.5	8.7
March	383.4	348.5	34.9	9.1
April	387.1	354.5	32.6	8.4
May	391.4	358.8	32.6	8.3
June	398.7	368.1	30.6	7.7
July	406.3	377.7	28.7	7.1
August	399.6	369.3	30.3	7.6
September	399.4	370.5	28.9	7.2
October[p]	401.4	371.9	29.5	7.3
TOLEDO[h]				
1973	339.8	324.2	15.6	4.6
1974	343.8	324.2	19.7	5.7
1975	344.8	310.2	34.6	10.0
1976	347.8	319.4	28.4	8.2
1977	355.0	329.4	25.6	7.2
1978	362.1	339.7	22.4	6.2
1979	368.2	341.7	26.4	7.2
1980	368.2	329.8	38.4	10.4
1981	367.4	328.0	39.4	10.7
1982	368.7	322.7	46.1	12.5
1983	374.2	326.9	47.2	12.6
1983				
October	380.0	338.3	41.7	11.0
November	381.3	337.5	43.8	11.5
December	372.5	331.9	40.5	10.9
1984				
January	366.1	327.4	38.6	10.6
February	365.7	327.7	38.0	10.4
March	367.3	327.8	39.5	10.8
April	371.8	335.7	36.1	9.7
May	378.2	342.1	36.1	9.5
June	384.7	345.8	38.9	10.1
July	390.3	352.1	38.2	9.8
August	381.4	345.3	36.1	9.5
September	INA	INA	INA	INA
October	INA	INA	INA	INA
YOUNGSTOWN-WARREN[i]				
1973	232.5	221.8	10.8	4.6
1974	236.7	223.7	13.0	5.5
1975	236.7	209.8	26.9	11.4
1976	234.2	210.5	23.7	10.1
1977	234.0	215.0	19.0	8.1
1978	235.2	217.5	17.7	7.5
1979	237.1	219.9	17.1	7.2
1980	238.9	210.5	28.4	11.9
1981	234.0	205.7	28.2	12.1
1982	237.0	190.3	46.6	19.7
1983	227.3	189.6	37.8	16.6
1983				
October	227.0	195.5	31.5	13.9
November	227.9	195.2	32.7	14.4
December	222.4	192.2	30.2	13.6
1984				
January	218.3	189.7	28.6	13.1
February	214.6	188.2	26.4	12.3
March	215.3	186.8	28.5	13.2
April	216.3	190.5	25.8	11.9
May	220.3	194.4	25.9	11.8
June	222.0	198.2	23.8	10.7
July	226.9	204.3	22.6	9.9
August	226.1	198.2	27.9	12.3
September	222.2	197.4	24.8	11.2
October[p]	223.4	196.3	27.1	12.1

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f]Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Defined as Greene, Miami, Montgomery, and Preble Counties. [h]Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i]Defined as Mahoning and Trumbull Counties.
[p]Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	5,098	4,606	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
November.	5,146	4,582	564	11.0	8.1
December.	5,040	4,513	528	10.5	8.0
1984					
January .	4,964	4,452	512	10.3	8.8
February.	4,925	4,426	499	10.1	8.4
March ...	4,940	4,415	525	10.6	8.1
April ...	4,996	4,506	489	9.8	7.6
May	5,086	4,593	493	9.7	7.2
June	5,183	4,715	469	9.0	7.4
July	5,292	4,845	447	8.4	7.5
August ..	5,215	4,733	482	9.2	7.3
September	5,159	4,708	451	8.7	7.1
October .	5,185	4,712	473	9.1	7.0
November.	5,106	4,651	455	8.9	6.9

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,083.3	1,101.0	2,982.3
February.	4,095.2	1,108.2	2,987.0
March ...	4,120.3	1,113.2	3,007.1
April ...	4,162.8	1,114.7	3,048.1
May	4,200.0	1,117.7	3,082.3
June	4,220.4	1,121.5	3,098.9
July	4,174.9	1,117.1	3,057.9
August ..	4,176.3	1,120.1	3,056.2
September	4,224.2	1,125.2	3,099.0
October .	4,242.1	1,120.1	3,122.0
November.	4,244.5	1,119.3	3,125.2

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
February.	26.7	111.8	193.1	217.9	682.4	210.3	875.0	669.9
March ...	27.2	114.5	193.8	218.9	688.6	210.7	882.2	671.2
April ...	27.4	123.6	196.0	220.2	704.1	211.8	894.4	670.5
May	27.9	131.5	198.4	221.6	715.4	212.6	902.3	672.7
June	28.2	138.8	200.1	223.2	721.9	214.8	912.1	659.8
July	28.3	144.0	200.1	223.6	718.6	215.6	906.4	621.2
August ..	28.1	145.0	200.7	223.6	720.4	215.7	905.5	617.2
September	27.9	145.1	201.0	223.8	723.3	215.1	911.5	651.3
October .	27.7	145.2	201.3	224.7	723.2	214.8	909.6	675.5
November.	27.5	140.4	200.6	224.6	732.4	215.0	904.6	680.2

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.4	350.5	758.6	349.5	32.2
February.	1,108.2	756.9	351.3	765.6	351.5	32.5
March ...	1,113.2	760.9	352.4	769.9	357.3	32.7
April ...	1,114.7	762.0	352.7	771.7	359.1	32.8
May	1,117.7	764.2	353.5	773.5	355.6	32.6
June	1,121.5	766.1	355.4	776.0	356.7	32.7
July	1,117.1	763.4	353.7	770.5	350.2	32.1
August ..	1,120.1	763.3	356.8	773.7	352.3	32.3
September	1,125.2	765.2	360.0	779.7	363.0	33.1
October .	1,120.1	763.5	356.6	774.9	357.7	32.5
November.	1,119.3	764.0	355.2	774.3	366.5	33.0

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$4.76	$4.87	$4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	460.70	479.52	418.05	42.5	42.7	42.1	10.84	11.23	9.93
February.	459.19	478.67	414.24	42.4	42.7	41.8	10.83	11.21	9.91
March ...	464.10	484.50	417.32	42.5	42.8	41.9	10.92	11.32	9.96
April ...	465.38	483.79	420.26	42.5	42.7	41.9	10.95	11.33	10.03
May	459.73	477.99	413.17	42.1	42.3	41.4	10.92	11.30	9.98
June	459.73	478.41	414.39	42.1	42.3	41.5	10.92	11.31	9.99
July	454.53	472.63	412.00	41.7	41.9	41.2	10.90	11.28	10.00
August ..	455.36	474.60	412.82	41.7	42.0	41.2	10.92	11.30	10.02
September	465.55	484.79	421.10	42.4	42.6	41.9	10.98	11.38	10.05
October .	461.58	480.24	417.49	42.0	42.2	41.5	10.99	11.38	10.06
November.	473.29	494.21	423.19	42.6	42.9	41.9	11.11	11.52	10.10

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
November.	55.0	109.8	137.8	155.3	92.4	139.9	65.2	62.8	87.4
December.	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.9	110.6	137.7	156.6	91.8	138.4	64.5	62.8	87.9
February.	53.4	111.1	137.6	157.2	92.8	141.3	64.1	62.8	88.7
March ...	54.0	112.2	137.8	158.5	93.7	140.9	64.1	63.1	88.8
April ...	54.1	111.7	138.4	159.2	93.3	141.2	64.6	63.1	89.3
May	55.0	111.1	139.6	160.0	92.8	141.6	64.8	63.2	89.2
June	55.5	111.6	139.9	159.2	92.9	141.9	65.9	63.1	89.5
July	55.5	110.4	138.9	158.7	93.6	141.0	65.1	63.2	88.9
August ..	55.8	108.3	139.5	159.2	94.0	141.2	67.5	63.0	89.3
September	56.1	107.8	140.6	160.7	94.6	139.9	69.0	63.3	90.4
October .	55.7	106.8	139.4	159.7	94.0	142.6	66.3	63.3	90.3
November.	55.2	106.3	140.1	160.5	93.1	143.8	65.2	63.1	90.3
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.03	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.38	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	419.33	525.39	486.86	468.27	409.59	585.09	409.64	391.40	429.44
February.	417.08	540.99	485.57	468.07	420.51	565.46	411.04	391.30	423.36
March ...	417.49	538.90	482.08	467.18	416.66	602.94	416.79	386.45	425.97
April ...	420.93	540.58	486.06	468.93	420.21	593.18	424.27	388.22	424.45
May	416.90	537.63	477.70	462.87	420.24	582.56	416.75	384.29	415.16
June	423.26	540.18	473.76	462.01	412.70	591.40	425.00	380.00	418.28
July	419.98	530.01	462.45	459.43	412.70	587.80	416.47	379.33	413.14
August ..	422.24	528.30	458.16	455.28	419.43	599.86	417.78	379.71	414.26
September	424.32	542.30	463.00	466.28	424.77	625.63	428.80	389.86	418.46
October .	424.13	536.76	459.68	461.74	424.15	611.97	412.37	385.15	414.80
November.	435.08	549.93	478.24	473.47	430.15	636.63	417.63	393.90	421.45

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
NOVEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1984[b]	October 1984[c]	November 1983[c]	October 1984	November 1983
TOTAL	4244.5	4242.1	4177.5	.1	1.6
MANUFACTURING	1119.3	1120.1	1104.4	- .1	1.3
Durable Goods[e]	764.0	763.5	752.9	.1	1.5
Lumber and wood products	15.9	15.9	14.9	- .3	6.7
Furniture and fixtures	13.3	13.3	13.6	.4	- 2.0
Household furniture	5.8	5.7	6.1	1.4	- 5.4
Stone, clay, and glass products	55.2	55.7	55.0	- .8	.3
Glass and glassware, pressed or blown	13.6	14.0	14.2	- 2.4	- 3.8
Structural clay products	4.9	4.9	4.9	.2	- .9
Pottery and related products	5.7	5.7	5.9	1.3	- 2.8
Primary metal industries	106.3	106.8	109.8	- .5	- 3.2
Blast furnace and basic steel products	50.2	50.0	54.5	.4	- 7.9
Iron and steel foundries	21.2	22.0	21.6	- 3.6	- 2.1
Nonferrous rolling and drawing	18.9	18.8	18.8	.7	.5
Nonferrous foundries	9.5	9.6	8.9	- 1.2	6.7
Fabricated metal products	140.1	139.4	137.8	.5	1.7
Cutlery, hand tools, and hardware	11.3	11.3	11.3	- .2	- .6
Plumbing and heating, except electric	4.9	4.9	4.6	- .5	6.1
Fabricated structural metal products	29.9	30.0	29.6	- .3	1.0
Screw machine products, bolts, etc.	9.0	9.0	8.8	- .1	2.1
Metal forgings and stampings	43.8	43.1	42.5	1.7	3.1
Machinery, except electrical	160.5	159.7	155.3	.5	3.4
Construction and related machinery	15.5	15.4	16.2	1.0	- 4.3
Metalworking machinery	39.8	39.7	38.2	.2	4.1
Special industry machinery	17.9	17.8	16.1	.7	11.4
General industrial machinery	31.8	31.4	30.2	1.0	5.0
Electric and electronic equipment	93.1	94.0	92.4	- 1.0	.7
Electrical industrial apparatus	19.7	19.4	18.8	1.8	4.7
Household appliances	16.1	16.8	16.1	- 4.2	.0
Electric lighting and wiring equipment	18.1	18.4	18.6	- 1.7	- 2.6
Communication equipment	10.4	10.4	10.5	.2	- .8
Transportation equipment	143.8	142.6	139.9	.8	2.7
Motor vehicles and equipment	94.8	94.4	94.7	.4	.2
Aircraft and parts	40.9	40.2	37.2	1.8	10.1
Instruments and related products	21.8	21.6	21.0	1.0	3.6
Measuring and controlling devices	12.5	12.3	12.3	1.4	1.7
Nondurable Goods[f]	355.2	356.6	351.4	- .4	1.1
Food and kindred products	65.2	66.3	65.2	- 1.6	.0
Meat products	10.7	10.5	10.6	1.7	1.2
Dairy products	10.3	10.3	10.3	.0	.1
Bakery products	10.0	9.9	9.8	1.0	1.4
Beverages	10.2	10.2	10.5	- .6	- 3.4
Textile mill products	4.6	4.6	4.6	- .7	- 1.0
Apparel and other textile products	17.9	17.8	17.3	.5	3.5
Paper and allied products	36.1	36.1	35.3	.2	2.4
Paper mills, except building paper	9.8	9.7	9.4	1.1	4.3
Misc. converted paper products	11.4	11.4	11.4	.1	.1
Paperboard containers and boxes	11.9	12.0	11.5	- .5	3.3
Printing and publishing	63.1	63.3	62.8	- .3	.5
Newspapers	18.3	18.0	18.1	1.4	1.0
Commercial printing	23.4	23.3	23.0	.4	1.8
Chemicals and allied products	63.5	63.7	64.0	- .4	- .8
Industrial inorganic chemicals	11.6	11.6	11.3	.2	2.5
Plastics materials and synthetics	8.4	8.5	8.9	- 1.1	- 5.5
Petroleum and coal products	9.8	9.8	9.7	- .3	1.5
Rubber and misc. plastics products	90.3	90.3	87.4	.0	3.3
Tires and inner tubes	20.6	20.5	20.4	.6	.8
Miscellaneous plastics products	48.9	49.0	46.3	- .1	5.7
Leather and leather products	4.6	4.5	5.0	1.7	- 8.6

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
NOVEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1984[b]	October 1984[c]	November 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$473.29	$461.58	$457.73	42.6	42.0	42.5	$11.11	$10.99	$10.77
Durable Goods[d]	494.21	480.24	475.68	42.9	42.2	42.7	11.52	11.38	11.14
Lumber and wood products	290.12	292.19	296.87	39.1	39.7	40.5	7.42	7.36	7.33
Furniture and fixtures	321.98	324.41	319.14	40.5	40.5	40.5	7.95	8.01	7.88
Household furniture	277.38	286.08	275.09	39.4	39.9	38.8	7.04	7.17	7.09
Stone, clay, and glass products	435.08	424.13	415.33	42.2	41.5	41.7	10.31	10.22	9.96
Glass and glassware, pressed or blown	448.54	449.03	433.19	40.3	40.2	41.1	11.13	11.17	10.54
Structural clay products	320.54	323.65	305.59	41.2	41.6	40.8	7.78	7.78	7.49
Pottery and related products	321.15	318.65	323.25	37.3	37.4	37.5	8.61	8.52	8.62
Primary metal industries	549.93	536.76	520.38	42.4	42.0	42.0	12.97	12.78	12.39
Blast furnace and basic steel products	515.08	518.09	518.46	39.5	39.7	40.6	13.04	13.05	12.77
Iron and steel foundries	605.24	550.84	538.30	45.1	42.9	43.8	13.42	12.84	12.29
Nonferrous rolling and drawing	629.23	601.52	565.49	44.5	43.4	43.2	14.14	13.86	13.09
Nonferrous foundries	447.65	459.23	420.20	44.9	46.2	44.0	9.97	9.94	9.55
Fabricated metal products	478.24	459.68	490.31	42.7	41.6	43.7	11.20	11.05	11.22
Cutlery, hand tools, and hardware	462.24	446.84	501.08	40.3	39.3	42.5	11.47	11.37	11.79
Plumbing and heating, except electric.	395.96	378.80	380.45	41.9	40.6	41.9	9.45	9.33	9.08
Fabricated structural metal products	453.19	420.75	427.65	44.3	41.7	42.3	10.23	10.09	10.11
Screw machine products, bolts, etc.	407.68	395.20	408.64	42.6	41.6	42.7	9.57	9.50	9.57
Metal forgings and stampings	575.94	557.66	607.20	43.5	42.7	46.0	13.24	13.06	13.20
Machinery, except electrical	473.47	461.74	450.24	43.2	42.4	42.0	10.96	10.89	10.72
Construction and related machinery	415.95	413.48	418.37	40.7	40.3	39.1	10.22	10.26	10.70
Metalworking machinery	456.19	437.64	415.13	43.2	42.0	40.5	10.56	10.42	10.25
Special industry machinery	488.83	456.12	438.76	45.6	43.9	43.1	10.72	10.39	10.18
General industrial machinery	466.05	460.78	448.10	41.5	41.4	41.8	11.23	11.13	10.72
Electric and electronic equipment	430.15	424.15	411.27	41.4	41.1	41.5	10.39	10.32	9.91
Electrical industrial apparatus	418.08	410.86	392.37	41.6	40.8	41.0	10.05	10.07	9.57
Household appliances	425.73	422.80	414.53	39.9	40.0	40.8	10.67	10.57	10.16
Electric lighting and wiring equipment	440.16	431.99	403.38	42.0	41.9	41.5	10.48	10.31	9.72
Communication equipment	502.99	501.27	460.04	43.7	43.4	43.4	11.51	11.55	10.60
Transportation equipment	636.63	611.97	586.64	45.9	44.8	45.3	13.87	13.66	12.95
Motor vehicles and equipment	649.40	636.42	610.42	45.7	45.2	46.0	14.21	14.08	13.27
Aircraft and parts	636.80	559.68	527.66	47.7	44.0	43.5	13.35	12.72	12.13
Instruments and related products	319.98	320.40	308.05	40.3	40.0	39.8	7.94	8.01	7.74
Measuring and controlling devices	318.00	321.20	299.47	39.8	39.9	39.3	7.99	8.05	7.62
Nondurable Goods[e]	423.19	417.49	413.97	41.9	41.5	41.9	10.10	10.06	9.88
Food and kindred products	417.63	412.72	410.98	42.1	41.9	42.5	9.92	9.85	9.67
Meat products	400.01	401.29	401.54	42.6	42.6	42.9	9.39	9.42	9.36
Dairy products	424.34	426.07	421.71	43.3	43.3	43.7	9.80	9.84	9.65
Bakery products	445.50	434.11	420.97	40.5	39.5	40.4	11.00	10.99	10.42
Beverages	376.35	384.73	376.67	39.0	39.5	40.2	9.65	9.74	9.37
Textile mill products	321.20	312.42	315.25	40.1	39.2	41.7	8.01	7.97	7.56
Apparel and other textile products	250.51	247.43	243.90	38.6	38.6	38.9	6.49	6.41	6.27
Paper and allied products	467.37	450.98	440.79	45.2	43.7	44.3	10.34	10.32	9.95
Paper mills, except building paper	588.75	565.44	546.15	47.1	45.6	46.6	12.50	12.40	11.72
Misc. converted paper products	418.79	397.03	386.10	44.6	42.6	42.9	9.39	9.32	9.00
Paperboard containers and boxes	404.80	390.93	394.42	44.0	42.4	43.2	9.20	9.22	9.13
Printing and publishing	393.90	385.15	392.18	39.0	38.4	38.6	10.10	10.03	10.16
Newspapers	340.56	333.05	323.70	34.4	34.3	33.2	9.90	9.71	9.75
Commercial printing	406.64	395.01	416.96	41.2	39.9	40.6	9.87	9.90	10.27
Chemicals and allied products	489.39	480.80	468.16	41.9	41.2	41.8	11.68	11.67	11.20
Industrial inorganic chemicals	522.49	528.60	516.77	41.5	41.2	43.1	12.59	12.83	11.99
Plastics materials and synthetics	541.88	546.99	521.12	43.7	43.9	44.2	12.40	12.46	11.79
Petroleum and coal products	635.97	690.23	618.02	43.5	46.2	43.4	14.62	14.94	14.24
Rubber and misc. plastics products	421.45	414.80	421.20	42.7	42.5	43.2	9.87	9.76	9.75
Tires and inner tubes	599.06	591.17	559.73	45.8	45.3	44.6	13.08	13.05	12.55
Miscellaneous plastics products	403.43	395.74	408.93	42.2	42.1	43.0	9.56	9.40	9.51
Leather and leather products	213.96	200.94	213.72	40.6	39.4	39.0	5.27	5.10	5.48

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
NOVEMBER 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1984[b]	October 1984[c]	November 1983[c]	October 1984	November 1983
NONMANUFACTURING	3125.2	3122.0	3073.1	.1	1.7
MINING	27.5	27.7	27.4	- .8	.2
Bituminous coal and lignite mining	11.3	11.5	11.8	- 1.9	- 4.7
CONSTRUCTION	140.4	145.2	140.9	- 3.3	- .4
General building contractors	36.2	36.8	34.4	- 1.5	5.2
Heavy construction contractors	22.2	24.2	22.3	- 8.6	- .5
TRANSPORTATION AND PUBLIC UTILITIES	200.6	201.3	199.6	- .4	.5
Railroad transportation	18.8	19.2	19.0	- 1.7	- 1.1
Transportation, except railroads	91.0	90.9	87.4[h]	.1	4.2
Trucking and warehousing	65.0	64.8	63.7	.4	2.0
Communication, electric, gas services	90.8	91.3	93.2	- .5	- 2.6
Communication	51.0	51.5	53.2	- .9	- 4.1
Electric, gas, and sanitary services	39.7	39.8	40.0	- .1	- .6
WHOLESALE TRADE	224.6	224.7	221.1	- .1	1.6
Wholesale trade-durable goods	140.5	140.6	138.5	- .1	1.5
Motor vehicles & automotive equipment	20.5	20.6	20.3	- .2	1.0
Electrical goods	18.8	18.8	18.6	.2	1.4
Machinery, equipment, and supplies	58.8	58.8	57.8	- .1	1.7
Wholesale trade-nondurable goods	84.1	84.1	82.6	.0	1.7
Groceries and related products	26.5	26.5	25.7	- .2	2.9
RETAIL TRADE	732.4	723.2	717.8	1.3	2.0
General merchandise stores	121.5	114.6	118.1	6.1	2.9
Department stores	112.5	105.8	109.0	6.3	3.3
Food stores	122.6	120.1	119.5	2.1	2.7
Automotive dealers & service stations	75.1	75.6	74.6	- .7	.6
Apparel and accessory stores	34.9	33.8	34.9	3.0	.0
FINANCE, INSURANCE, AND REAL ESTATE	215.0	214.8	211.5	.1	1.6
Banking	57.6	57.5	58.3	.2	- 1.3
Credit agencies other than banks	32.6	32.5	31.6	.5	3.2
Insurance carriers	59.5	59.4	59.2	.2	.5
SERVICES	904.6	909.6	884.2	- .6	2.3
Hotels and other lodging places	29.1	29.4	29.0	- 1.0	.4
Laundry, cleaning, & garment services	16.7	16.6	16.6	.4	.4
Business services	137.9	138.7	131.6	- .6	4.8
Health services	332.0	331.6	323.8	.1	2.5
Hospitals	178.2	178.1	177.0	.1	.7
GOVERNMENT	680.2	675.5	670.6	.7	1.4
Federal government	91.1	90.7	88.6	.4	2.8
State government	148.8	147.4	146.1	1.0	1.9
State government, except education	68.5	68.5	68.7	.0	- .2
State government education[i]	80.3	78.9	77.4	1.8	3.7
Local government	440.3	437.4	435.9	.7	1.0
Local government, except education	180.9	181.1	179.4	- .1	.8
Local government education	259.4	256.3	256.5	1.2	1.1

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
NOVEMBER 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1984[b]	October 1984[c]	November 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
MINING	$506.90	$496.13	$464.61	44.7	44.1	43.3	$11.34	$11.25	$10.73
Bituminous coal and lignite mining	617.34	598.01	558.00	41.6	41.1	40.7	14.84	14.55	13.71
CONSTRUCTION	608.36	625.28	559.20	38.7	39.7	35.8	15.72	15.75	15.62
General building contractors	582.62	600.09	488.09	40.8	41.5	34.3	14.28	14.46	14.23
Heavy construction contractors	552.79	600.18	505.43	37.3	39.8	34.5	14.82	15.08	14.65
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Railroad transportation	.....	.....	.....	....	....	....	....	....	....
Transportation, except railroads	.....	.....	.....	....	....	....	....	....	....
Trucking and warehousing	451.26	447.10	448.52	35.9	35.4	36.2	12.57	12.63	12.39
Communication, electric, gas services	505.10	500.60	479.08	40.8	40.6	40.6	12.38	12.33	11.80
Communication	496.53	495.30	475.94	40.5	40.4	40.3	12.26	12.26	11.81
Electric, gas, and sanitary services	515.81	508.39	481.80	41.1	40.9	40.9	12.55	12.43	11.78
WHOLESALE TRADE	340.17	339.69	334.22	39.1	39.0	39.6	8.70	8.71	8.44
Wholesale trade-durable goods	334.44	337.79	326.42	39.3	39.6	40.1	8.51	8.53	8.19
Motor vehicles & automotive equipment	276.26	279.03	276.05	38.8	39.3	38.5	7.12	7.10	7.17
Electrical goods	286.89	288.41	275.04	37.6	37.8	38.2	7.63	7.63	7.20
Machinery, equipment, and supplies	380.89	383.27	371.54	39.8	39.8	41.1	9.57	9.63	9.04
Wholesale trade-nondurable goods	348.69	343.80	343.66	38.7	38.2	38.7	9.01	9.00	8.88
Groceries and related products	382.95	376.18	372.53	41.4	40.8	41.3	9.25	9.22	9.02
RETAIL TRADE[f]	156.75	157.85	161.11	28.5	28.7	29.4	5.50	5.50	5.48
General merchandise stores	160.05	162.76	163.48	29.1	29.7	30.5	5.50	5.48	5.36
Department stores	162.64	165.39	166.46	29.2	29.8	30.6	5.57	5.55	5.44
Food stores	197.48	199.92	216.13	29.3	29.4	30.7	6.74	6.80	7.04
Automotive dealers & service stations	228.59	232.87	214.90	36.4	36.5	36.3	6.28	6.38	5.92
Apparel and accessory stores	120.60	124.12	113.48	26.8	27.4	25.5	4.50	4.53	4.45
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	224.66	223.83	217.52	....	....	....	....	....	....
Credit agencies other than banks	223.89	221.08	208.41	....	....	....	....	....	....
Insurance carriers	304.30	302.93	291.66	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
Hotels and other lodging places	.....	.....	.....	....	....	....	....	....	....
Laundry, cleaning, & garment services	.....	.....	.....	....	....	....	....	....	....
Business services	.....	.....	.....	....	....	....	....	....	....
Health services	.....	.....	.....	....	....	....	....	....	....
Hospitals	296.22	294.34	281.90	33.7	33.6	33.6	8.79	8.76	8.39
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes miscellaneous manufacturing. [e]Includes tobacco manufactures. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
NOVEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1984[b]	October 1984[c]	November 1983[c]	October 1984	November 1983
TOTAL	255.1	254.4	251.4	.3	1.5
MANUFACTURING	67.5	67.2	66.4	.3	1.6
Durable Goods[e]	35.2	35.0	33.7	.8	4.5
Stone, clay, and glass products	1.1	1.0	1.5	2.4	- 27.2
Fabricated metal products	13.1	13.0	12.6	.8	3.9
Machinery, except electrical	9.4	9.3	8.8	.2	6.0
Special industry machinery	1.6	1.5	1.4	2.8	12.2
Nondurable Goods[f]	32.2	32.3	32.7	- .1	- 1.3
Food and kindred products	2.7	2.7	2.7	- .1	- .2
Chemicals and allied products	2.7	2.7	3.0	- .9	- 9.4
Rubber and misc. plastics products	21.9	21.8	21.7	.2	.7
Tires and inner tubes	15.6	15.5	15.5	.8	.4
NONMANUFACTURING[g]	187.7	187.2	185.0	.2	1.4
CONSTRUCTION	7.7	8.1	7.7	- 4.6	.9
TRANSPORTATION AND PUBLIC UTILITIES	12.5	12.6	12.7	- .4	- 1.3
Communication, electric, gas services	5.2	5.3	5.5	- .9	- 4.3
WHOLESALE TRADE	11.7	11.8	11.8	- .7	- 1.3
RETAIL TRADE	47.0	46.4	46.1	1.3	2.0
FINANCE, INSURANCE, AND REAL ESTATE	9.6	9.6	9.5	.5	1.8
SERVICES	55.1	55.5	53.7	- .8	2.5
GOVERNMENT	43.3	42.5	42.9	1.8	1.1
State government (includes education)	15.2	14.9	14.8	1.5	2.8
Local government (includes education)	26.0	25.5	26.0	2.1	- .2

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
NOVEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1984[b]	October 1984[c]	November 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$482.01	$466.09	$477.40	44.1	43.8	44.0	$10.93	$10.89	$10.85
Durable Goods[d]	502.88	482.11	501.53	44.9	43.2	44.7	11.20	11.16	11.22
Stone, clay, and glass products	413.56	387.69	407.53	42.9	41.2	42.1	9.64	9.41	9.68
Fabricated metal products	599.98	562.17	641.32	45.8	42.3	47.4	13.10	13.29	13.53
Machinery, except electrical	421.16	410.96	416.46	44.9	44.0	43.7	9.38	9.34	9.53
Special industry machinery	446.22	484.66	446.12	44.4	47.1	45.2	10.05	10.29	9.87
Nondurable Goods[e]	450.02	443.50	442.64	42.9	42.4	43.1	10.49	10.46	10.27
Food and kindred products	460.12	441.15	455.16	44.2	42.5	45.2	10.41	10.38	10.07
Chemicals and allied products	451.02	437.38	467.64	41.8	40.8	43.1	10.79	10.72	10.85
Rubber and misc. plastics products	474.32	467.63	464.37	44.0	43.5	44.1	10.78	10.75	10.53
Tires and inner tubes	636.79	636.32	595.99	47.1	47.1	45.6	13.52	13.51	13.07
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	588.50	628.00	535.63	37.7	40.7	35.1	15.61	15.43	15.26
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	514.49	509.97	493.66	40.8	40.7	40.9	12.61	12.53	12.07
WHOLESALE TRADE	331.28	326.23	306.50	40.4	39.4	39.6	8.20	8.28	7.74
RETAIL TRADE[f]	177.01	179.09	175.81	29.6	29.7	29.9	5.98	6.03	5.88
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
NOVEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1984[b]	October 1984[c]	November 1983[c]	October 1984	November 1983
TOTAL	149.2	149.2	146.7	.0	1.7
MANUFACTURING	45.6	45.6	44.8	- .1	1.7
Durable Goods[e]	34.1	34.2	33.7	- .3	1.4
Stone, clay, and glass products	1.6	1.5	1.7	2.6	- 7.6
Primary metal industries	10.7	11.0	10.8	- 2.8	- .7
Fabricated metal products	7.7	7.6	7.7	.5	- .6
Fabricated structural metal products	1.7	1.7	1.9	.7	- 10.0
Metal forgings and stampings	2.8	2.7	2.4	1.2	16.1
Nondurable Goods[f]	11.4	11.4	11.1	.4	2.6
Food and kindred products	4.1	4.1	4.1	.5	1.1
Rubber and misc. plastics products	2.8	2.8	2.7	.1	4.6
NONMANUFACTURING[g]	103.7	103.6	101.9	.1	1.8
CONSTRUCTION	5.4	5.4	4.8	- 1.7	11.9
TRANSPORTATION AND PUBLIC UTILITIES	5.7	5.8	6.0	- 1.2	- 3.9
Communication, electric, gas services	2.7	2.7	2.8	- .4	- 4.8
WHOLESALE TRADE	7.7	7.7	7.4	.1	3.7
RETAIL TRADE	26.5	26.3	26.2	.9	1.3
FINANCE, INSURANCE, AND REAL ESTATE	6.8	6.8	6.5	.6	4.4
SERVICES	32.1	32.2	31.0	- .4	3.7
GOVERNMENT	18.1	18.0	18.7	.8	- 2.9
Local government (includes education)	15.3	15.2	15.8	.8	- 3.4

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
NOVEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1984[b]	October 1984[c]	November 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$439.56	$437.13	$441.19	40.7	40.4	40.7	$10.80	$10.82	$10.84
Durable Goods[d]	452.48	452.17	456.12	40.4	40.3	40.4	11.20	11.22	11.29
Stone, clay, and glass products	283.63	285.43	271.75	38.8	39.1	39.1	7.31	7.30	6.95
Primary metal industries	479.46	472.20	483.59	39.3	38.8	40.4	12.20	12.17	11.97
Fabricated metal products	538.70	529.27	534.23	43.2	43.1	41.9	12.47	12.28	12.75
Fabricated structural metal products	399.33	418.92	463.45	43.5	44.9	40.3	9.18	9.33	11.50
Metal forgings and stampings	674.31	655.30	671.80	45.5	45.1	45.3	14.82	14.53	14.83
Nondurable Goods[e]	401.70	391.41	396.79	41.8	40.9	41.9	9.61	9.57	9.47
Food and kindred products	415.35	400.41	418.61	42.6	40.9	43.2	9.75	9.79	9.69
Rubber and misc. plastics products	470.39	468.16	451.90	45.1	44.8	45.6	10.43	10.45	9.91
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	600.89	599.58	517.48	38.2	37.9	34.0	15.73	15.82	15.22
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	497.32	498.11	487.40	40.4	40.3	41.2	12.31	12.36	11.83
WHOLESALE TRADE	324.90	322.90	330.81	36.1	36.2	38.2	9.00	8.92	8.66
RETAIL TRADE[f]	157.14	158.26	161.27	29.1	29.2	29.7	5.40	5.42	5.43
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
NOVEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1984[b]	October 1984[c]	November 1983[c]	October 1984	November 1983
TOTAL	596.2	593.5	585.5	.5	1.8
MANUFACTURING	146.6	145.9	144.8	.5	1.3
Durable Goods[e]	79.8	79.5	79.1	.4	.9
Furniture and fixtures	1.9	1.9	2.2	- .4	- 10.9
Primary metal industries	2.3	2.3	1.9	.2	17.5
Fabricated metal products	11.7[h]	11.9[h]	12.9	- 2.3	- 9.3
Fabricated structural metal products	3.8	3.7	4.0	1.7	- 6.4
Machinery, except electrical	19.0	18.8	18.5	1.2	2.6
Metalworking machinery	8.1	8.0	7.7	.7	4.2
General industrial machinery	3.2	3.1	3.4	4.8	- 6.0
Electric and electronic equipment	8.1	8.2	8.1	- .7	.1
Transportation equipment	26.3	25.9	25.6	1.7	2.6
Motor vehicles and equipment	10.1	9.9	10.8	2.0	- 6.1
Nondurable Goods[f]	66.8	66.4	65.7	.7	1.7
Food and kindred products	14.8	14.5	14.5	1.9	2.2
Meat products	2.5	2.4	2.3	2.8	10.3
Bakery products	2.4	2.3	2.3	7.1	3.4
Beverages	4.2	4.2	4.3	.4	- 2.0
Apparel and other textile products	4.0	4.0	4.0	- .1	- 1.2
Paper and allied products	6.2	6.2	6.0	- .8	3.4
Printing and publishing	11.6	11.5	11.8	.6	- 1.3
Chemicals and allied products	21.9	21.9	21.5	- .3	1.7
Rubber and misc. plastics products	5.3	5.2	4.8	1.9	9.5
NONMANUFACTURING[g]	449.5	447.6	440.7	.4	2.0
CONSTRUCTION	21.2	21.7	22.1	- 2.7	- 4.1
TRANSPORTATION AND PUBLIC UTILITIES	31.0	31.2	31.4	- .7	- 1.4
Communication, electric, gas services	13.9	13.9	14.7	- .3	- 5.8
WHOLESALE TRADE	36.4	36.4	36.1	.1	.8
RETAIL TRADE	108.0	106.3	105.7	1.6	2.2
FINANCE, INSURANCE, AND REAL ESTATE	34.0	33.9	33.0	.5	3.2
Banking	7.5	7.5	7.3	.8	2.7
Insurance carriers	11.6	11.5	11.1	.6	4.6
SERVICES	135.8	135.5	131.3	.2	3.4
GOVERNMENT	82.7	82.1	80.7	.8	2.5
Federal government	13.4	13.4	12.4	.1	8.0
State government (includes education)	18.2	17.9	17.8	1.7	2.2
Local government	51.1	50.8	50.5	.6	1.3
Local government, except education	21.1	21.3	21.5	- .6	- 1.7
Local government education	30.0	29.5	29.0	1.5	3.5

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
NOVEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1984[b]	October 1984[c]	November 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$462.67	$444.75	$434.28	42.8	41.8	42.0	$10.81	$10.64	$10.34
Durable Goods[d]	467.20	445.62	425.15	43.1	42.0	41.6	10.84	10.61	10.22
Furniture and fixtures	332.11	360.29	312.82	40.7	43.2	39.2	8.16	8.34	7.98
Primary metal industries	513.28	517.88	451.27	41.9	41.9	40.4	12.25	12.36	11.17
Fabricated metal products	389.05	380.30	380.66	41.3	40.5	40.8	9.42	9.39	9.33
Fabricated structural metal products	388.68	403.50	366.38	41.0	41.9	40.8	9.48	9.63	8.98
Machinery, except electrical	406.30	406.01	372.78	41.8	41.9	40.3	9.72	9.69	9.25
Metalworking machinery	447.28	441.00	403.25	41.3	41.1	38.7	10.83	10.73	10.42
General industrial machinery	377.24	361.40	331.85	41.5	40.2	39.6	9.09	8.99	8.38
Electric and electronic equipment	354.89	330.85	329.33	42.4	40.2	41.9	8.37	8.23	7.86
Transportation equipment	694.59	640.14	607.92	46.9	44.3	44.7	14.81	14.45	13.60
Motor vehicles and equipment	737.57	688.86	651.39	46.8	44.5	44.8	15.76	15.48	14.54
Nondurable Goods[e]	459.65	444.29	444.35	42.6	41.6	42.4	10.79	10.68	10.48
Food and kindred products	491.92	490.06	496.93	43.0	42.8	43.4	11.44	11.45	11.45
Meat products	411.55	433.07	437.03	44.3	44.6	44.1	9.29	9.71	9.91
Bakery products	468.31	469.66	463.26	40.9	41.6	42.0	11.45	11.29	11.03
Beverages	462.85	465.09	459.67	41.4	41.6	43.0	11.18	11.18	10.69
Apparel and other textile products	218.28	227.36	207.48	37.7	39.2	36.4	5.79	5.80	5.70
Paper and allied products	415.63	385.06	391.35	44.5	41.9	43.1	9.34	9.19	9.08
Printing and publishing	430.75	427.17	448.69	39.7	39.7	41.7	10.85	10.76	10.76
Chemicals and allied products	554.63	527.93	507.95	43.5	41.8	42.4	12.75	12.63	11.98
Rubber and misc. plastics products	396.18	365.79	377.35	46.5	44.5	46.3	8.52	8.22	8.15
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	524.78	531.46	525.86	37.7	38.4	35.7	13.92	13.84	14.73
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	481.51	485.13	455.09	39.5	39.7	39.3	12.19	12.22	11.58
WHOLESALE TRADE	359.10	363.29	346.12	39.9	40.5	40.2	9.00	8.97	8.61
RETAIL TRADE[f]	165.70	165.24	163.86	30.8	30.6	30.8	5.38	5.40	5.32
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	231.50	233.03	224.05	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
NOVEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1984[b]	October 1984[c]	November 1983[c]	October 1984	November 1983
TOTAL	837.0	836.2	835.7	.1	.2
MANUFACTURING	210.5	210.4	211.6	.0	- .6
Durable Goods[e]	146.4	146.0	147.4	.2	- .7
Furniture and fixtures	2.0	2.0	2.1	3.2	- 4.5
Primary metal industries	23.6	23.6	25.3	.2	- 6.6
Blast furnace and basic steel products	11.3	11.3	12.7	.0	- 11.1
Iron and steel foundries	5.9	5.8	6.2	1.7	- 4.8
Nonferrous foundries	2.4	2.4	2.6	.2	- 4.9
Fabricated metal products	32.3	32.3	32.0	.0	.9
Fabricated structural metal products	3.8	3.9	3.7	- 1.9	2.9
Screw machine products, bolts, etc.	4.3	4.3	4.4	1.6	- .8
Metal forgings and stampings	11.2	11.0	11.0	1.2	1.5
Machinery, except electrical	32.4	32.3	31.2	.4	4.1
Construction and related machinery	4.5	4.4	5.4	.1	- 16.9
Metalworking machinery	10.4	10.4	10.0	.1	4.0
Special industry machinery	3.5	3.4	3.0	.6	17.4
General industrial machinery	2.9	2.9	2.7	1.4	6.6
Electric and electronic equipment	22.0	22.1	22.4	- .2	- 1.6
Electrical industrial apparatus	7.6	7.5	7.4	.9	2.3
Transportation equipment	20.0	19.7	20.8	1.2	- 4.0
Motor vehicles and equipment	13.4	13.2	14.3	1.3	- 6.2
Instruments and related products	6.0	6.0	5.7	.4	5.0
Nondurable Goods[f]	64.1	64.4	64.2	- .4	- .2
Food and kindred products	7.4	7.4	7.7	.4	- 4.6
Bakery products	1.7	1.7	1.7	- 1.1	- 3.6
Beverages	1.3	1.4	1.6	- .5	- 16.0
Apparel and other textile products	5.1	5.1	5.0	- 1.5	.5
Paper and allied products	5.2	5.1	4.8	.8	7.9
Printing and publishing	15.1	15.3	14.9	- 1.6	.9
Chemicals and allied products	14.0	14.1	14.4	- .3	- 2.7
Industrial inorganic chemicals	3.2	3.2	3.3	.2	- 3.0
Rubber and misc. plastics products	11.4	11.3	11.5	.7	- .5
NONMANUFACTURING[g]	626.5	625.9	624.1	.1	.4
CONSTRUCTION	25.1	25.8	26.8	- 2.8	- 6.4
TRANSPORTATION AND PUBLIC UTILITIES	42.2	42.1	41.4[h]	.2	1.8
Communication, electric, gas services	19.8	19.8	20.0	.0	- 1.1
WHOLESALE TRADE	57.6	57.6	58.2	- .1	- 1.0
RETAIL TRADE	136.9	135.4	136.9	1.1	.0
FINANCE, INSURANCE, AND REAL ESTATE	47.9	47.8	48.8	.2	- 1.8
Banking	12.7	12.6	13.4	.5	- 5.3
Insurance carriers	11.4	11.4	11.9	- .6	- 4.6
SERVICES	202.5	203.2	197.1	- .3	2.7
GOVERNMENT	112.9	112.6	113.7	.3	- .7
Federal government	19.6	19.4	19.3	.9	1.6
State government (includes education)	8.0	7.8	8.0	1.5	- .4
Local government	85.4	85.3	86.4	.1	- 1.2
Local government, except education	43.2	43.5	43.5	- .8	- .6
Local government education	42.2	41.8	43.0	1.0	- 1.8

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
NOVEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1984[b]	October 1984[c]	November 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$470.90	$457.80	$443.92	42.5	42.0	41.8	$11.08	$10.90	$10.62
Durable Goods[d]	501.81	485.48	472.49	43.0	42.4	42.3	11.67	11.45	11.17
Furniture and fixtures	342.19	356.07	321.99	40.4	41.5	39.9	8.47	8.58	8.07
Primary metal industries	581.13	558.52	530.85	43.4	42.7	42.4	13.39	13.08	12.52
Blast furnace and basic steel products	499.33	501.03	482.56	37.6	37.7	37.7	13.28	13.29	12.80
Iron and steel foundries	853.92	761.28	696.89	52.1	48.8	47.5	16.39	15.60	14.67
Nonferrous foundries	372.07	379.99	361.05	41.9	42.6	41.5	8.88	8.92	8.70
Fabricated metal products	477.60	455.10	453.90	43.3	42.1	42.5	11.03	10.81	10.68
Fabricated structural metal products	387.47	367.98	332.13	43.1	41.3	38.8	8.99	8.91	8.56
Screw machine products, bolts, etc.	439.47	420.64	461.91	45.4	44.0	44.5	9.68	9.56	10.38
Metal forgings and stampings	603.44	574.64	563.05	44.6	43.5	44.3	13.53	13.21	12.71
Machinery, except electrical	463.91	460.22	456.54	42.6	42.3	42.0	10.89	10.88	10.87
Construction and related machinery	474.43	456.12	500.99	41.8	40.4	40.5	11.35	11.29	12.37
Metalworking machinery	394.71	390.40	421.07	40.4	40.0	41.0	9.77	9.76	10.27
Special industry machinery	484.62	453.15	451.33	41.0	39.2	39.8	11.82	11.56	11.34
General industrial machinery	430.86	436.81	419.01	43.0	43.9	42.8	10.02	9.95	9.79
Electric and electronic equipment	419.43	416.77	396.96	41.0	40.9	40.3	10.23	10.19	9.85
Electrical industrial apparatus	433.04	434.52	398.16	41.4	40.8	39.5	10.46	10.65	10.08
Transportation equipment	666.38	625.12	587.33	46.6	45.2	44.8	14.30	13.83	13.11
Motor vehicles and equipment	720.42	666.76	629.29	47.9	45.7	45.9	15.04	14.59	13.71
Instruments and related products	356.73	363.12	352.29	40.4	40.8	40.4	8.83	8.90	8.72
Nondurable Goods[e]	388.81	386.63	372.81	41.1	41.0	40.7	9.46	9.43	9.16
Food and kindred products	398.37	392.08	376.25	42.2	41.8	40.5	9.44	9.38	9.29
Bakery products	468.85	461.97	399.67	43.9	43.5	40.7	10.68	10.62	9.82
Beverages	333.33	328.44	357.44	42.9	42.0	42.3	7.77	7.82	8.45
Apparel and other textile products	277.09	273.02	275.18	38.7	38.4	39.2	7.16	7.11	7.02
Paper and allied products	430.22	438.35	411.15	43.5	44.1	43.6	9.89	9.94	9.43
Printing and publishing	387.10	372.96	371.86	38.1	37.0	36.6	10.16	10.08	10.16
Chemicals and allied products	479.22	488.20	462.58	42.0	42.6	42.4	11.41	11.46	10.91
Industrial inorganic chemicals	542.07	535.03	516.14	43.4	42.7	43.3	12.49	12.53	11.92
Rubber and misc. plastics products	361.61	352.70	345.77	43.1	42.7	42.9	8.39	8.26	8.06
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	797.99	803.96	683.34	39.8	40.4	37.3	20.05	19.90	18.32
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	534.64	529.58	509.94	41.0	40.8	40.6	13.04	12.98	12.56
WHOLESALE TRADE	358.15	359.33	344.75	39.4	39.4	39.4	9.09	9.12	8.75
RETAIL TRADE[f]	173.81	176.18	169.55	28.4	28.6	28.4	6.12	6.16	5.97
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	258.53	253.92	246.70	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
NOVEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1984[b]	October 1984[c]	November 1983[c]	October 1984	November 1983
TOTAL	528.8	526.8	514.7	.4	2.7
MANUFACTURING	89.6	89.2	86.8	.4	3.2
Durable Goods[e]	58.5	58.1	56.0	.7	4.5
Stone, clay, and glass products	9.4	9.7	9.6	- 2.9	- 1.9
Fabricated metal products	10.4	10.1	10.0	3.0	3.4
Machinery, except electrical	9.9	10.0	9.4	- .8	5.6
Electric and electronic equipment	10.5	10.6	10.5	- .4	.7
Transportation equipment	9.5	9.1	8.7	3.6	8.8
Nondurable Goods[f]	31.1	31.1	30.8	.0	1.1
Food and kindred products	10.1	10.1	9.8	- .3	3.1
Printing and publishing	8.3	8.3	8.1	- .1	2.6
Chemicals and allied products	6.1	6.1	6.1	.1	- .1
Rubber and misc. plastics products	2.7	2.7	2.8	- .8	- 1.8
NONMANUFACTURING[g]	439.2	437.6	427.9	.4	2.6
CONSTRUCTION	17.0	17.4	16.8	- 2.3	1.5
TRANSPORTATION AND PUBLIC UTILITIES	23.6	23.9	22.9	- 1.2	3.1
Communication, electric, gas services	11.0	11.1	10.9	- 1.2	.5
WHOLESALE TRADE	28.4	28.4	27.6	.2	3.1
RETAIL TRADE	101.7	99.5	98.0	2.2	3.8
FINANCE, INSURANCE, AND REAL ESTATE	45.4	45.4	44.1	- .1	2.9
Banking	8.6	8.7	8.7	- .9	- 1.4
Insurance carriers	18.1	18.1	18.1	.3	.4
SERVICES	118.2	118.3	114.7	- .1	3.0
GOVERNMENT	104.3	104.1	103.4	.2	.9
Federal government	12.1	11.9	11.4	1.0	6.1
State government	48.7	48.6	49.0	.3	- .6
State government, except education	27.1	27.0	27.8	.2	- 2.6
State government education[i]	21.6	21.6	21.2	.3	2.1
Local government	43.5	43.5	43.0	.0	1.3
Local government, except education	17.6	17.6	17.1	- .1	2.8
Local government education	25.9	25.9	25.8	.1	.4

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
NOVEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1984[b]	October 1984[c]	November 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$445.84	$418.80	$421.82	42.1	40.7	41.6	$10.59	$10.29	$10.14
Durable Goods[d]	462.34	426.06	443.31	42.3	40.5	42.1	10.93	10.52	10.53
Stone, clay, and glass products	413.70	394.35	395.65	40.4	39.2	41.0	10.24	10.06	9.65
Fabricated metal products	476.78	453.95	538.22	39.6	39.1	43.3	12.04	11.61	12.43
Machinery, except electrical	407.22	386.68	399.41	41.3	39.7	42.4	9.86	9.74	9.42
Electric and electronic equipment	454.11	451.36	441.23	41.7	41.6	43.3	10.89	10.85	10.19
Transportation equipment	707.95	548.10	541.01	51.6	43.5	44.2	13.72	12.60	12.24
Nondurable Goods[e]	407.26	401.96	375.03	41.6	41.1	40.5	9.79	9.78	9.26
Food and kindred products	391.04	380.97	367.09	41.6	41.5	41.2	9.40	9.18	8.91
Printing and publishing	467.20	457.08	446.56	40.0	39.1	38.2	11.68	11.69	11.69
Chemicals and allied products	468.16	467.58	436.60	41.8	41.6	41.9	11.20	11.24	10.42
Rubber and misc. plastics products	334.11	344.29	303.05	43.0	42.4	41.4	7.77	8.12	7.32
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	494.54	507.97	469.44	38.1	39.5	36.0	12.98	12.86	13.04
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	518.93	515.91	493.70	40.7	40.4	40.6	12.75	12.77	12.16
WHOLESALE TRADE	294.28	292.00	294.09	39.5	39.3	39.1	7.45	7.43	7.52
RETAIL TRADE[f]	157.34	157.34	162.42	28.4	28.4	28.9	5.54	5.54	5.62
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	296.04	238.68	231.56	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
NOVEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1984[b]	October 1984[c]	November 1983[c]	October 1984	November 1983
TOTAL	353.3	352.5	343.9	.2	2.7
MANUFACTURING	92.4	92.4	89.8	.0	3.0
Durable Goods[e]	64.1	64.1	62.2	- .1	3.0
Stone, clay, and glass products	2.2	2.2	2.1	.2	5.9
Fabricated metal products	7.3	7.3	6.8	.6	6.9
Machinery, except electrical	29.8	29.7	29.1	.4	2.2
Metalworking machinery	7.0	6.9	6.4	1.0	8.6
Electric and electronic equipment	5.1	5.1	4.9	- .7	4.9
Electrical industrial apparatus	3.0	3.0	2.8	.4	4.8
Transportation equipment	13.6	13.7	13.5	- .7	.8
Nondurable Goods[f]	28.4	28.3	27.6	.2	2.9
Food and kindred products	3.0	3.0	3.0	1.9	2.0
Paper and allied products	6.0	6.0	5.5	.4	9.6
Printing and publishing	7.6	7.5	7.2	1.2	5.4
Rubber and misc. plastics products	8.2	8.2	8.3	- .2	- 2.0
NONMANUFACTURING[g]	260.9	260.1	254.1	.3	2.7
CONSTRUCTION	10.2	10.4	10.1	- 1.6	.7
TRANSPORTATION AND PUBLIC UTILITIES	13.0	13.1	12.9	- .5	1.3
Communication, electric, gas services	5.6	5.6	5.9	- .5	- 5.1
WHOLESALE TRADE	17.4	17.3	16.7	.9	4.2
RETAIL TRADE	57.7	56.7	56.4	1.8	2.3
FINANCE, INSURANCE, AND REAL ESTATE	14.2	14.3	13.9	- .2	2.0
SERVICES	79.3	79.5	76.9	- .2	3.2
GOVERNMENT	68.8	68.7	67.0	.1	2.7
Federal government	26.6	26.6	25.9	.0	2.7
State government (includes education)	6.2	6.2	5.8	- .4	6.8
Local government	36.0	35.9	35.3	.3	2.1
Local government, except education	13.0	13.0	12.9	- .1	1.1
Local government education	23.0	22.9	22.4	.6	2.7

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
NOVEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1984[b]	October 1984[c]	November 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$480.57	$464.78	$466.95	43.1	42.1	42.8	$11.15	$11.04	$10.91
Durable Goods[d]	486.69	469.95	471.95	43.3	42.3	43.1	11.24	11.11	10.95
Stone, clay, and glass products	414.86	398.56	373.07	43.9	42.4	39.9	9.45	9.40	9.35
Fabricated metal products	359.01	360.18	344.76	41.6	41.4	40.8	8.63	8.70	8.45
Machinery, except electrical	535.62	511.73	505.52	45.2	43.7	44.5	11.85	11.71	11.36
Metalworking machinery	565.28	502.43	496.04	48.9	44.9	46.1	11.56	11.19	10.76
Electric and electronic equipment	353.21	334.71	326.42	42.3	40.4	40.6	8.35	8.28	8.04
Electrical industrial apparatus	373.43	362.96	344.51	41.4	40.6	40.2	9.02	8.94	8.57
Transportation equipment	594.15	586.82	607.05	42.5	42.4	44.9	13.98	13.84	13.52
Nondurable Goods[e]	464.95	450.69	455.76	42.5	41.5	42.2	10.94	10.86	10.80
Food and kindred products	415.59	434.67	359.90	43.7	45.9	39.9	9.51	9.47	9.02
Paper and allied products	435.98	409.88	404.05	45.7	43.1	43.4	9.54	9.51	9.31
Printing and publishing	425.30	414.29	409.70	39.6	38.9	37.9	10.74	10.65	10.81
Rubber and misc. plastics products	573.82	558.45	586.96	42.6	41.8	44.5	13.47	13.36	13.19
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	551.21	540.36	525.34	39.4	39.1	37.1	13.99	13.82	14.16
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	507.78	496.09	491.67	40.3	40.3	40.6	12.60	12.31	12.11
WHOLESALE TRADE	366.13	356.34	346.88	41.7	41.1	42.2	8.78	8.67	8.22
RETAIL TRADE[f]	155.35	157.56	157.93	28.4	28.7	29.3	5.47	5.49	5.39
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
NOVEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1984[b]	October 1984[c]	November 1983[c]	October 1984	November 1983
TOTAL	298.5	298.8	291.1	- .1	2.5
MANUFACTURING	75.4	76.4	73.9	- 1.3	2.0
Durable Goods[e]	59.2	59.8	57.9	- 1.0	2.3
Stone, clay, and glass products	11.3	11.4	11.4	- .8	- 1.5
Primary metal industries	4.3	4.3	3.8	.1	13.7
Fabricated metal products	8.6	8.5	8.1	1.3	6.1
Metal forgings and stampings	4.0	4.0	3.9	1.0	2.5
Machinery, except electrical	6.4	6.5	6.0	- .3	6.5
General industrial machinery	1.6	1.6	1.5	- .5	3.7
Transportation equipment	20.4	21.0	20.7	- 2.8	- 1.3
Motor vehicles and equipment	19.2	19.8	19.5	- 3.0	- 1.5
Nondurable Goods[f]	16.1	16.6	16.0	- 2.5	.8
Food and kindred products	3.8	4.0	3.9	- 5.9	- 2.1
Rubber and misc. plastics products	4.5	4.5	4.0	.1	13.8
NONMANUFACTURING[g]	223.1	222.5	217.2	.3	2.7
CONSTRUCTION	10.4	10.8	10.3	- 3.2	1.0
TRANSPORTATION AND PUBLIC UTILITIES	17.8	17.8	17.7	- .3	.7
Communication, electric, gas services	7.4	7.5	7.6	- .7	- 2.7
WHOLESALE TRADE	14.8	14.7	14.4	.7	2.2
RETAIL TRADE	51.6	50.4	50.4	2.3	2.3
FINANCE, INSURANCE, AND REAL ESTATE	11.0	11.1	10.7	- .9	2.3
SERVICES	66.6	66.9	64.7	- .4	3.0
GOVERNMENT	50.5	50.3	48.5	.5	4.2
State government (includes education)	15.9	15.8	15.4	.5	3.3
Local government	31.9	31.7	30.4	.5	4.7
Local government, except education	12.5	12.6	12.0	- .6	4.2
Local government education	19.3	19.1	18.4	1.2	5.1

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
NOVEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1984[b]	October 1984[c]	November 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$523.77	$522.14	$514.87	44.2	44.1	44.5	$11.85	$11.84	$11.57
Durable Goods[d]	549.36	548.92	542.69	44.7	44.7	45.3	12.29	12.28	11.98
Stone, clay, and glass products	529.62	531.37	518.75	45.5	45.3	44.3	11.64	11.73	11.71
Primary metal industries	532.17	539.22	504.80	46.6	47.3	46.1	11.42	11.40	10.95
Fabricated metal products	483.36	475.08	521.44	42.7	42.8	45.7	11.32	11.10	11.41
Metal forgings and stampings	563.20	534.49	555.62	44.0	43.0	44.7	12.80	12.43	12.43
Machinery, except electrical	446.69	437.41	458.60	42.3	41.5	42.9	10.56	10.54	10.69
General industrial machinery	478.41	447.12	500.22	42.3	40.5	42.0	11.31	11.04	11.91
Transportation equipment	672.55	666.88	622.91	46.9	46.7	46.8	14.34	14.28	13.31
Motor vehicles and equipment	677.77	672.08	621.97	47.1	46.9	46.8	14.39	14.33	13.29
Nondurable Goods[e]	420.58	420.68	406.81	42.1	41.9	41.3	9.99	10.04	9.85
Food and kindred products	452.41	439.74	427.38	42.6	42.0	41.9	10.62	10.47	10.20
Rubber and misc. plastics products	359.72	366.79	344.37	41.3	42.6	41.5	8.71	8.61	8.31
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	661.42	669.92	607.30	39.3	39.9	36.[h]	16.83	16.79	16.73
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	562.65	543.40	501.40	42.4	41.8	41.2	13.27	13.00	12.17
WHOLESALE TRADE	299.65	308.79	336.55	35.8	36.5	37.9	8.37	8.46	8.88
RETAIL TRADE[f]	159.89	158.76	162.13	28.4	28.4	28.9	5.63	5.59	5.61
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
NOVEMBER 1984

Industry	Employment (in thousands)			Percent[d] Change From	
	November 1984[b]	October 1984[c]	November 1983[c]	October 1984	November 1983
TOTAL	182.7	182.4	182.0	.2	.4
MANUFACTURING	54.2	54.2	55.2	.0	- 1.9
Durable Goods[e]	48.8	48.8	50.0	.0	- 2.3
Stone, clay, and glass products	1.7	1.9	1.8	- 8.6	- 2.5
Primary metal industries	21.8	21.4	23.8	1.5	- 8.5
Blast furnace and basic steel products	7.9	7.5	9.8	3.1	- 20.4
Fabricated metal products	8.5	8.5	8.0	- .2	5.8
Fabricated structural metal products	2.0	2.1	1.8	- 3.9	15.4
Machinery, except electrical	3.7	3.7	3.6	.3	3.6
Metalworking machinery	1.5	1.5	1.5	2.1	1.4
Electric and electronic equipment	2.8	2.8	2.6	.0	4.9
Transportation equipment	8.8	8.9	8.5[h]	- 1.3	2.6
Nondurable Goods[f]	5.3	5.4	5.2	- .3	2.3
NONMANUFACTURING[g]	128.6	128.2	126.8	.3	1.4
CONSTRUCTION	5.2	5.4	5.3	- 3.4	- 2.4
TRANSPORTATION AND PUBLIC UTILITIES	7.5	7.6	7.6	- .6	- 1.3
Communication, electric, gas services	3.0	3.0	3.2	- 1.3	- 6.9
WHOLESALE TRADE	7.9	7.9	7.8	.3	1.7
RETAIL TRADE	34.4	34.0	34.2	1.1	.5
FINANCE, INSURANCE, AND REAL ESTATE	7.4	7.4	7.2	.3	2.7
SERVICES	40.2	40.4	39.3	- .4	2.4
GOVERNMENT	25.4	25.0	24.7	1.5	2.9
Local government (includes education)	19.5	19.5	18.9	.2	3.0

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
NOVEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1984[b]	October 1984[c]	November 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]	Nov. 1984[b]	Oct. 1984[c]	Nov. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$539.74	$549.12	$546.74	42.2	42.7	43.6	$12.79	$12.86	$12.54
Durable Goods[d]	556.29	564.53	562.39	42.4	42.8	43.8	13.12	13.19	12.84
Stone, clay, and glass products	371.22	381.24	366.68	39.2	40.3	39.9	9.47	9.46	9.19
Primary metal industries	578.93	578.51	533.66	41.8	41.8	40.8	13.85	13.84	13.08
Blast furnace and basic steel products	519.03	522.30	501.68	39.5	39.3	38.8	13.14	13.29	12.93
Fabricated metal products	497.42	555.52	650.89	38.8	41.8	47.2	12.82	13.29	13.79
Fabricated structural metal products	388.68	397.76	452.63	39.5	40.3	42.5	9.84	9.87	10.65
Machinery, except electrical	438.36	445.17	448.92	39.0	39.5	38.6	11.24	11.27	11.63
Metalworking machinery	452.28	442.49	445.90	40.6	40.3	39.6	11.14	10.98	11.26
Electric and electronic equipment	430.34	435.56	413.34	41.7	41.8	41.5	10.32	10.42	9.96
Transportation equipment	699.18	690.72	701.10	49.1	48.1	51.4	14.24	14.36	13.64
Nondurable Goods[e]	362.48	367.69	365.09	40.5	40.9	41.3	8.95	8.99	8.84
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	561.44	609.23	518.83	35.2	37.7	33.8	15.95	16.16	15.35
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	495.69	499.37	483.14	40.3	40.5	40.6	12.30	12.33	11.90
WHOLESALE TRADE	339.06	331.40	331.59	37.3	36.7	36.2	9.09	9.03	9.16
RETAIL TRADE[f]	165.89	165.89	169.31	28.8	28.8	29.6	5.76	5.76	5.72
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

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